

**Science Links Japan**  
Gateway to Japan's Scientific and Technical Information

Home      Opinions      Press Releases      Link Categories      J-EAST

TOP > J-EAST > List of Journal Titles (C) > Current Therapy(1999) > Brain attack - Cerebral infarction in acute phase. Cerebral ischemia and apoptosis.

## Brain attack - Cerebral infarction in acute phase. Cerebral ischemia and apoptosis.

**Accession number;**99A0852042  
**Title;**Brain attack - Cerebral infarction in acute phase. Cerebral ischemia and apoptosis.  
**Author;**MIYAZAKI KAZUHIDE(Tokyo Women's Medical College, Neurological Inst.)  
**Journal Title;**Current Therapy  
**Journal Code;**G0171B  
**ISSN;**0287-8445  
**VOL.17;NO.9;PAGE.1509-1513(1999)**  
**Figure&Table&Reference;**FIG.1, REF.27  
**Pub. Country;**Japan  
**Language;**Japanese  
**Abstract;**Participation of apoptosis in a cerebral ischemia model is paid attention. In an animal experiment, morphological changes such as flocculation and fragmentation of nucleus and TUNEL staining positive reaction after ischemia were captured. There are few morphological characteristics of apoptosis except for flocculation of nuclear chromatin in brain tissue after ischemia. It made it clear that intracellular changes such as gene expression of caspase be 1-2 and protein activation participate in ischemia-induced cell death. Materials which modify the cascade of cell death are likely to be applied to treatment for cerebral infarction in acute phase. Apoptosis-related molecules include IAP, etc.

[BACK](#)

[About J-EAST](#)      [How to use](#)      [List of Publications](#)      [Terms of Service](#)

[Home](#) | [Opinions](#) | [Press Releases](#) | [Link Categories](#) | [J-EAST](#) | [Cafe Terrace](#) | [Topics](#) | [Hot Articles](#) |

 [Link to Us](#)       [Questionnaire](#)       [Contact Us](#)       [FAQ](#)

[Privacy Policy](#)

Copyright (c) 2006-2007 Japan Science and Technology Agency